

1.19 RADIOACTIVE MATERIAL GENERAL LICENSE REGISTRATION

- D *Question: Is my company required to register its possession of generally licensed radioactive material and comply with existing Maryland regulations?*

Why do I need this approval?

As an Agreement State under the Atomic Energy Act, Maryland requires most recipients of generally licensed radioactive material to register with MDE's Radiological Health Program. The licensee must:

- Meet the requirements in the Maryland regulations;
- Register the general licensed sources of radiation with the Department; and
- Pay a \$110 fee for each separate facility site with possession of the general licensed material.

What laws or regulations give MDE the legal authority to issue this approval?

FEDERAL: Atomic Energy Act of 1954, as amended, §274b.

STATE: Environment Article, Title 8; COMAR 26.12.01.01 Section C.22.

What is the process to get this approval?

Within 30 days of receipt of the general licensed material the company must register the radiation sources with MDE's Radiological Health Program. Information specific to registration can be found on the MDE Website at

http://mde.maryland.gov/programs/Air/RadiologicalHealth/LicensingGuidelines/Pages/rh_gl_registration.aspx

A company with generally licensed material must pay \$110 for each company site that has generally licensed radioactive material. All users of this material must remain in compliance with COMAR 26.12.01.01 Section C.22 regulations.

Are there any other requirements?

Sealed devices containing isotopes in quantities equal to or greater than the following amounts must obtain a specific rather than general radioactive materials license:

At least 370 MBq (10 mCi) of cesium-137, or

At least 3.7 MBq (0.1 mCi) of strontium-90, or

At least 37 MBq (1 mCi) of cobalt-60, or

At least 3.7 MBq (0.1 mCi) of radium-226, or

At least 37 MBq (1 mCi) of americium-241 or any other transuranic element (atomic number above 92).

For information on specific radioactive materials licenses see 1.16.

How long should I expect it to take to get this approval once I submit a complete application?

Up to 30 days.

Once I get this approval, how long will it last?

Registration for already possessed generally licensed radioactive material is valid for 12 months. Any newly acquired sources must be registered with MDE within 30 days of receipt.

How much will this approval cost?

\$110 annual fee for each separate facility site with possession of the general licensed material.

Who do I contact with additional questions?

Jim Lewis, Radiological Health Program

Jim.lewis@maryland.gov 410-537-3301